ELSEVIER

European Journal of Operational Research 140 (2002) 700–702

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH

www.elsevier.com/locate/dsw

Contents Volume 140

1 A simulation model for the Kwai Chung container terminals in Hong Kong
A.A. Shabayek and W.W. Yeung

12 A new multiobjective evolutionary algorithm
R. Sarker, K.-H. Liang and C. Newton

24 Data envelopment analysis with imprecise data
D.K. Despotis and Y.G. Smirlis

38 The performance of stochastic dynamic and fixed mix portfolio models
S.-E. Fleten, K. Høyland and S.W. Wallace

51 Extended block replacement policy with shock models and used items
S.-H. Sheu and W.S. Griffith

62 Stochastic conditional and unconditional warfare
K. Hausken and J.F. Moxnes

89 An additional result of Monsuur's paper about intrinsic consistency threshold for reciprocal matrices
M. Kwiesielewicz and E. van Uden

94 Mean utility in the assurance region model
E. Conde

105 An analysis of distributions of priority values from alternative comparison scales within AHP
M. Beynon

119 An interactive approach for hierarchical analysis of helicopter logistics in disaster relief operations
G. Barbarosoğlu, L. Özdamar and A. Çevik

135 A partial cooperation model for non-unique linear two-level decision problems
D. Cao and L.C. Leung

143 Combining expert judgment: On the performance of trimmed mean vote aggregation procedures in the presence of strategic voting
W.J. Hurley and D.U. Lior

149 DS/AHP method: A mathematical analysis, including an understanding of uncertainty
M. Beynon

165 Prologue: EURO 2000
J. Krarup

167 The EURO 2000 feature issue of EJOR
J. Krarup and D. Pisinger

170 Pivot versus interior point methods: Pros and cons
T. Illés and T. Terlaky

191 OR, Ethics and Decisions: the OATH of PROMETHEUS
J.P. Brans

197 Optimizing color picture tubes by high-cost nonlinear programming
D. den Hertog and P. Stehouwer

212 The cultural roots linking Europe
H. Müller-Merbach
225 Operations research education for forgotten populations
J.A. Čibej
232 Complex Societal Problems in Operational Research
D.J. DeTombe
241 McCockerel measuring individual punishment and reciprocity in a simple value-laden dilemma game
U. Leopold-Wildburger, J.H. Schuetze and A. Lafer
249 Review of ranking methods in the data envelopment analysis context
N. Adler, L. Friedman and Z. Sinuany-Stern
266 Recent research directions in automated timetabling
E.K. Burke and S. Petrovic
281 Applications of stochastic programming: Achievements and questions
J. Dupačová
291 Solving integer programs over monotone inequalities in three variables: A framework for half integrality and good approximations
D.S. Hochbaum
322 Advances in design and implementation of optimization software
I. Maros and M. Haroon Khaliq
338 Formulating logical implications in combinatorial optimisation
F. Plastria
354 Optimality in musical melodies and harmonic progressions: The travelling musician
D. Schell
373 Optimization with simulation and multiobjective analysis in industrial decision-making: A case study
I. Alberto, C. Azcárate, F. Mallor and P.M. Mateo
384 An approach to solve the minimum expected makespan flow-shop problem subject to breakdowns
D. Alcaide, A. Rodriguez-Gonzalez and J. Sicilia
399 Optimal adaptive control of treatment planning in radiation therapy
G. Arcangeli, M. Benassi, L. Nieddu, C. Passi, G. Patrizi and M.T. Russo
413 A complex societal problem: Reintegration of partially disabled people in the workforce in the Netherlands
S. den Uijl and T. Bahlmann
427 A bicriteria knapsack program for planning remediation of contaminated lightstation sites
L. Jenkins
434 Decision support system for multicriterial R&D and information systems projects selection
J. Klapka and P. Piňos
447 Business process reengineering for health-care system using multicriteria mathematical programming
N.K. Kwak and C.W. Lee
459 Measuring the success of the NATO operation in Bosnia and Herzegovina 1995–2000
N.J. Lambert
482 Europe in symplex diagrams – From statistical tables to insight
H. Müller-Merbach
499 Using factor analysis to identify consumer preferences for the protection of a natural area in Portugal
P.A.L.D. Nunes
517 Semi-autonomous planning using linear programming in the Chilean General Treasury
M. Singer, P. Donoso and F. Poblete
531 A network model for airline cabin crew scheduling
S. Yan and Y.-P. Tu

541 A goal programming approach to strategic resource allocation in acute care hospitals
J.T. Blake and M.W. Carter
562 Pricing and logit-based mode choice models of a transit and highway system with elastic demand
H.-J. Huang
571 Multiobjective optimization and marginal pollution abatement cost in the electricity sector – An Israeli case study
D. Soloveitchik, N. Ben-Aderet, M. Grinman and A. Lotov
584 Approximately global optimization for assortment problems using piecewise linearization techniques
H.-L. Li, C.-T. Chang and J.-F. Tsai
590 A reduction technique for weighted grouping problems
T. Knuutila and O. Nevalainen
606 An efficient genetic algorithm for the traveling salesman problem with precedence constraints
C. Moon, J. Kim, G. Choi and Y. Seo
618 A sweep-based algorithm for the fleet size and mix vehicle routing problem
J. Renaud and F.F. Boctor
629 The transportation problem with exclusionary side constraints and two branch-and-bound algorithms
M. Sun
648 Uniform distribution of inventory positions in two-echelon periodic review systems with batch-ordering policies and interdependent demands
F.Y. Chen, Y. Feng and D. Simchi-Levi
655 Product and process yield estimation with Gaussian quadrature (GQ) reduction: Improvements over the GQ full factorial approach
S. Liu, H. Moskowitz, R. Plante and P.V. Preckel
670 A non-stationary periodic review production–inventory model with uncertain production capacity and uncertain demand
T. Iida
684 Forecasting sales of slow and fast moving inventories
R. Snyder